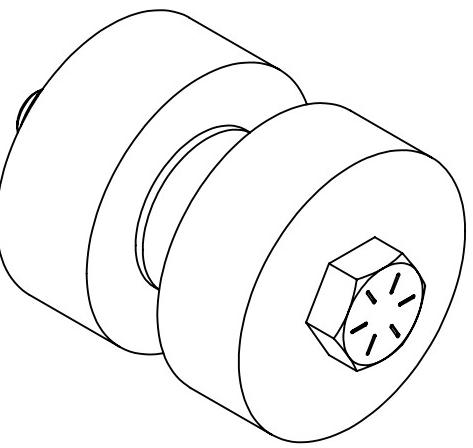
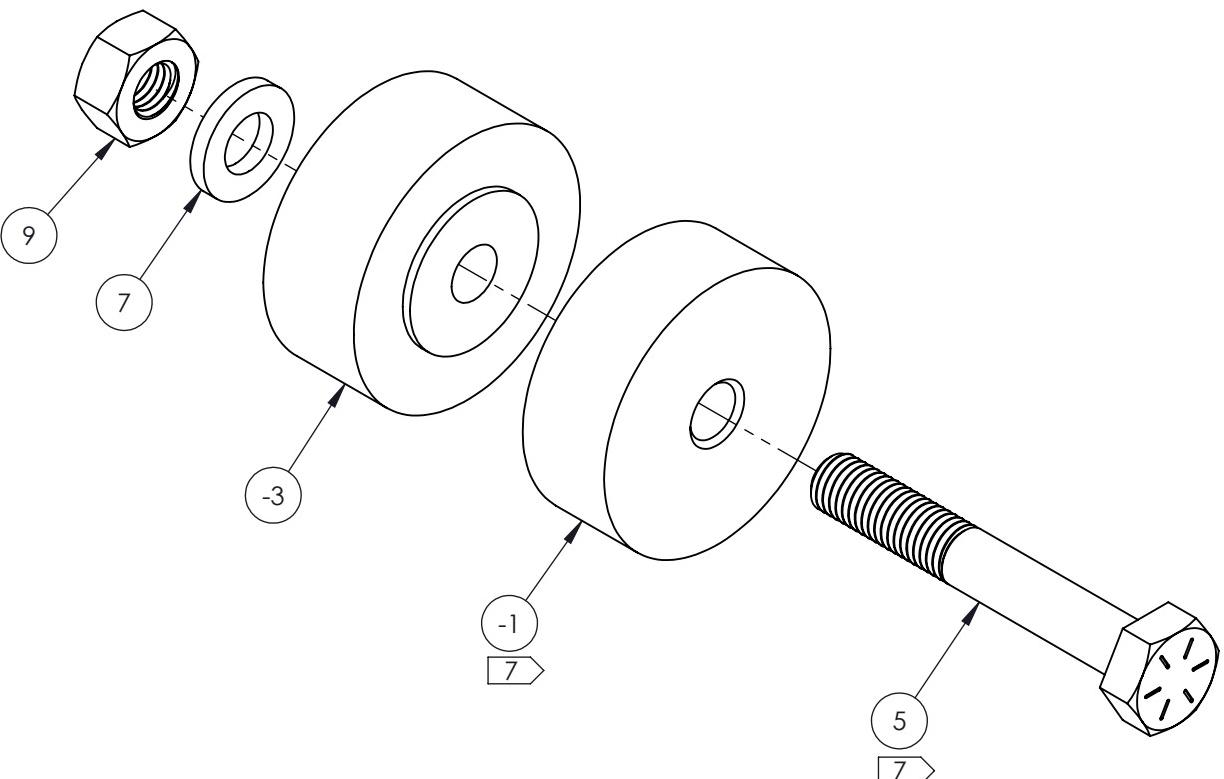


ITEM #	QTY	PART #	TITLE	REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
-1	1	RBWSI-HT-12AS-1	TOP	1	CH'D TO THROUGH BOLT & NUT FOR TIGHTENING.	-	4/12/2002	-	-
-3	1	RBWSI-HT-12AS-3	BASE	2	ADDED NEW REV. TABLE & ZINC PLATE TO B/O INFORMATION.	-	8/13/2008	WP	DW
5	1	AN4-16A	HEX BOLT 1-4"-28	3	INSTALLED NEW FORMAT AND RE-ORGANIZED DRAWINGS.	-	8/27/2008	WP	RW
7	1	NAS1149-F0463P	WASHER 1/4"	3A	-1 & -3 CH'D BOM DIAMETER WAS Ø1-1/2 IS Ø1.25. ADDED P/N'S FOR WASHER & NUT IN BOM.	-	6/23/2011	RJC	DW
9	1	AN315-4R	HEX NUT 1/4"-28	4	CH'D T/N WAS WSI-HT-12AS IS RBWSI-HT-12AS. -1 DELETED REDBARN LOGO FROM TOOL CH'D ENGRAVE NOTE. ADDED - NUMBERS TO BOM -5, -7, -9. SEPARATED ALL PARTS TO SEPARATE SHEETS.	15-0080	4/16/2015	RJC	RW
				E	NOTE 7 & 8 ADDED, TEMPLATE UPDATED	18-506	18.1.12	VM	ML



RBWSI-HT-12AS GROMMET INSTALLATION TOOL

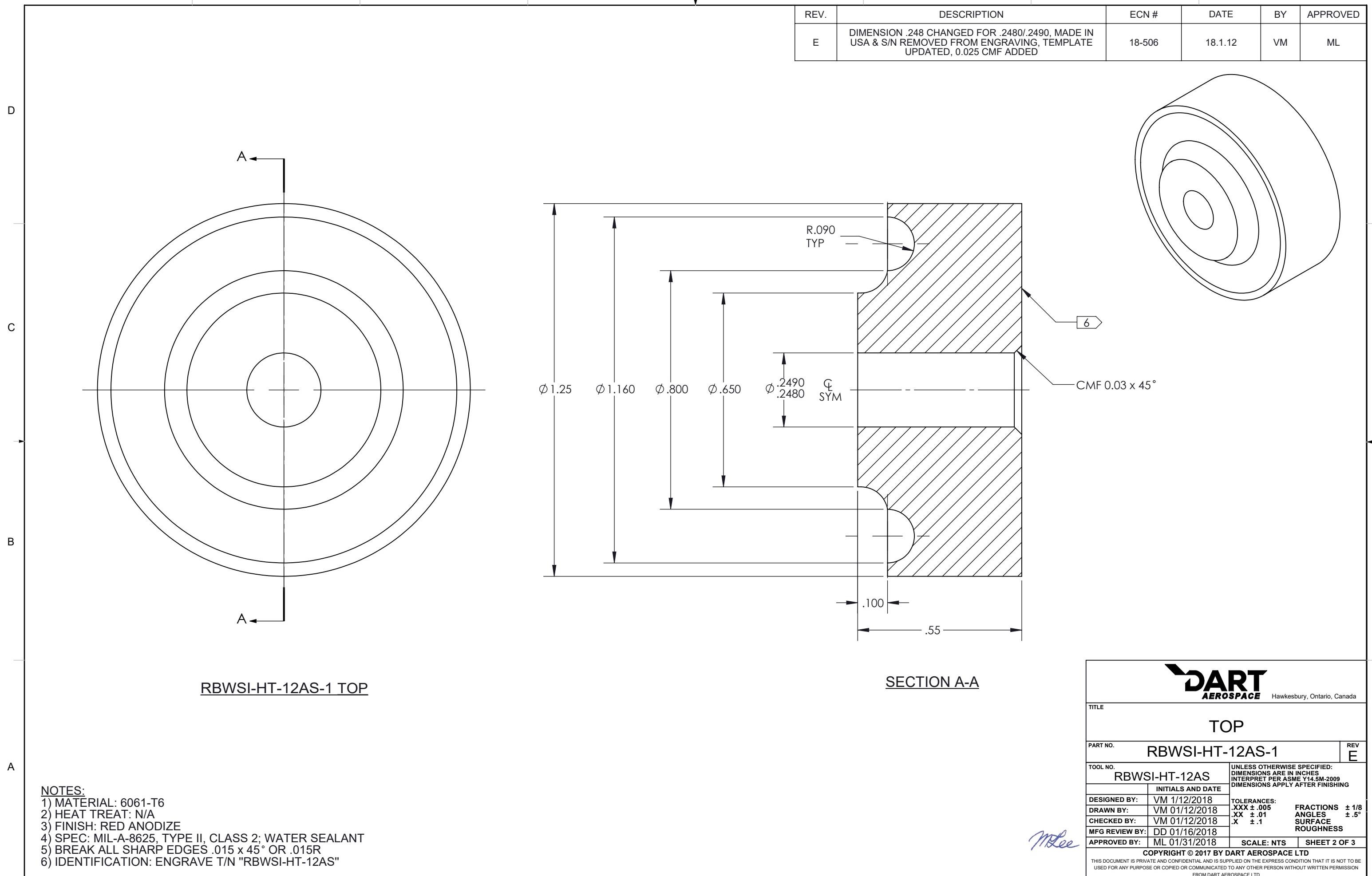
NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) SPEC: N/A
- 5) BREAK ALL SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) APPLY LOCTITE 263 ONTO MATING SURFACES OF -5 AND -1 THEN PRESS FIT -5 INTO -1

DART AEROSPACE		Hawkesbury, Ontario, Canada
TITLE		
GROMMET INSTALLATION TOOL		
PART NO.	RBWSI-HT-12AS	REV E
TOOL NO.	RBWSI-HT-12AS	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING
DESIGNED BY:	VM 1/12/2018	TOLERANCES: XXX ± .005 FRACTIONS ± 1/8
DRAWN BY:	VM 01/12/2018	XX ± .01 ANGLES ± .5°
CHECKED BY:	VM 01/12/2018	X ± .1 SURFACE ROUGHNESS
MFG REVIEW BY:	DD 01/16/2018	
APPROVED BY:	ML 01/31/2018	SCALE: NTS SHEET 1 OF 3
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M Lee

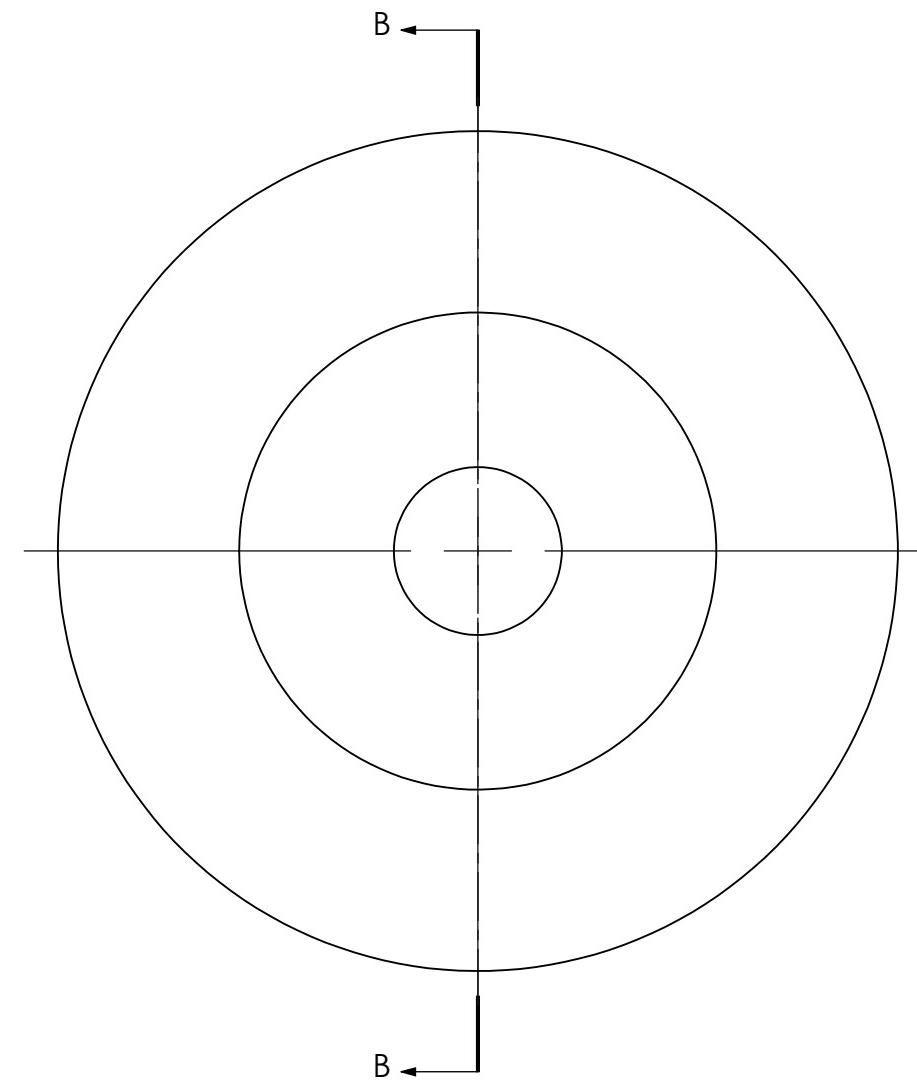
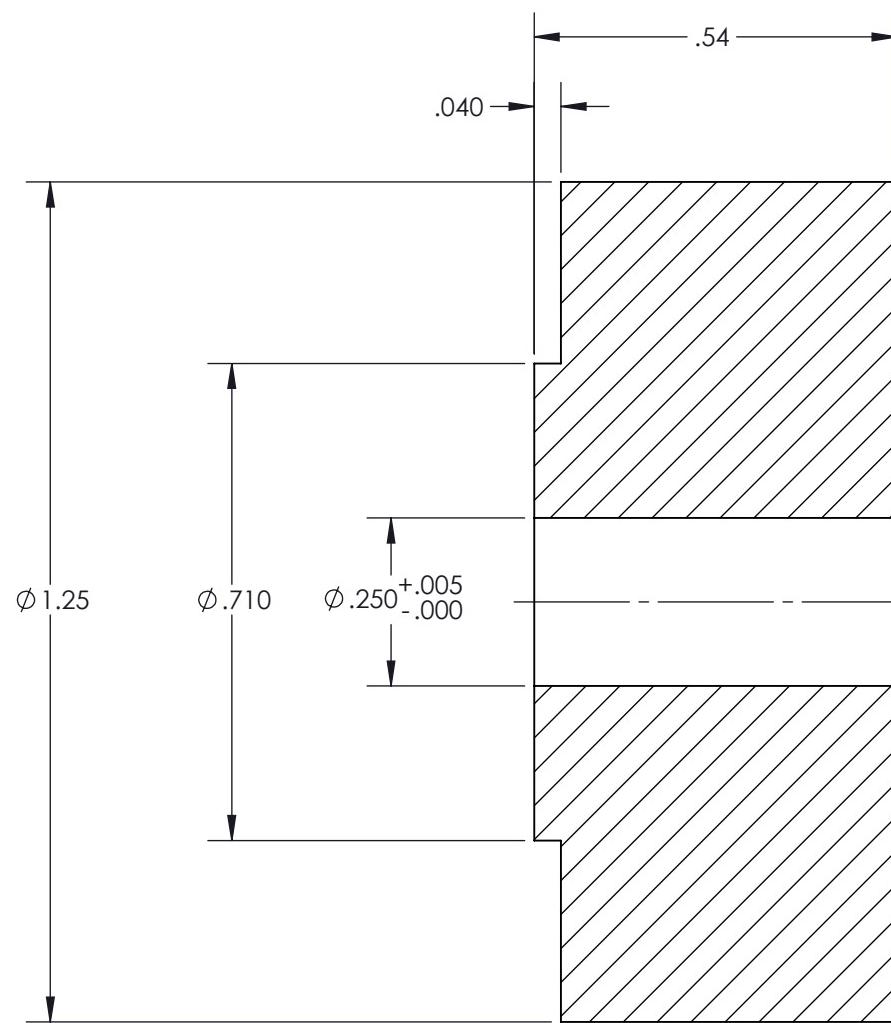
REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
E	DIMENSION .248 CHANGED FOR .2480/.2490, MADE IN USA & S/N REMOVED FROM ENGRAVING, TEMPLATE UPDATED, 0.025 CMF ADDED	18-506	18.1.12	VM	ML

RBWSI-HT-12AS-1 TOPSECTION A-A

DART AEROSPACE	
Hawkesbury, Ontario, Canada	
TITLE	
TOP	
PART NO.	RBWSI-HT-12AS-1
REV	E
TOOL NO.	RBWSI-HT-12AS
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 1/12/2018
DRAWN BY:	VM 01/12/2018
CHECKED BY:	VM 01/12/2018
MFG REVIEW BY:	DD 01/16/2018
APPROVED BY:	ML 01/31/2018
SCALE: NTS	SHEET 2 OF 3
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
E	DIMENSION .250 CHANGED FOR .250 +.005/-0, TEMPLATE UPDATED	18-506	18.1.12	VM	ML

D

RBWSI-HT-12AS-3 BASESECTION B-B

- NOTES:
- 1) MATERIAL: 6061-T6
 - 2) HEAT TREAT: N/A
 - 3) FINISH: RED ANODIZE
 - 4) SPEC: MIL-A-8625, TYPE II, CLASS 2; WATER SEALANT
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: N/A

DART AEROSPACE		Hawkesbury, Ontario, Canada
TITLE BASE		
PART NO.	RBWSI-HT-12AS-3	REV E
TOOL NO.	RBWSI-HT-12AS	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING
INITIALS AND DATE	XXX ± .005 FRACTIONS ± 1/8	
DESIGNED BY:	VM 1/12/2018	XX ± .01 ANGLES ± .5°
DRAWN BY:	VM 01/12/2018	X ± .1 SURFACE ROUGHNESS
CHECKED BY:	VM 01/12/2018	
MFG REVIEW BY:	DD 01/16/2018	
APPROVED BY:	ML 01/31/2018	SCALE: NTS SHEET 3 OF 3
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